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Leah M. Reeves

October 2004 **Proceedings of the 6th international conference on Multimodal interfaces**

Full text available: pdf(113.98 KB) Additional Information: full citation, abstract, references, index terms

Military operations and friendly fire mishaps over the last decade have demonstrated that Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems may often lack the ability to efficiently and effectively support operations in complex, time critical environments. With the vast increase in the amount and type of information available, the challenge to today's military system designers is to create interfaces that allow warfighters to proficien ...

Keywords: HCI, command and control, guidelines, multimodal design, multisensory

2 The KIM query system: an iconic interface for the unified access to distributed multimedia databases

Fabrizio Massimo Ferrara

July 1994 **ACM SIGCHI Bulletin**, Volume 26 Issue 3

Full text available: pdf(1.14 MB) Additional Information: full citation, abstract, citings, index terms

In this paper we present the iconic query system of the KIM environment, providing the user with a homogeneous access to distributed, heterogeneous and multimedia databases through a modality independent of the specific underlying environments (i.e. DBMS and physical installations).A prototype of this system is being designed and implemented by a European Consortium under the KIM project, within the European ESPRIT programme. The characteristics of the query system have been identified on the ba ...

3 Doctoral spotlight session: Multimodal response generation in GIS

Levent Bolelli

October 2004 **Proceedings of the 6th international conference on Multimodal interfaces**

Full text available: pdf(161.26 KB) Additional Information: full citation, abstract, references

Advances in computer hardware and software technologies have enabled sophisticated information visualization techniques as well as new interaction opportunities to be introduced in the development of GIS (Geographical Information Systems) applications. Especially, research efforts in computer vision and natural language processing have enabled users to

interact with computer applications using natural speech and gestures, which has proven to be effective for interacting with dynamic maps [1, ...

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» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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